What is claimed is:

1. A market trend analyzing method comprising steps of:

performing a wavelet transform on numerical data, obtained by numericizing information acquired by monitoring market trends, to obtain a wavelet spectrum of said numerical data; and

expressing the data such as to show an amount of information at each rate of change of said numerical data.

2. A market trend analyzing method comprising steps of:

performing a multi-resolution analysis of numerical data, obtained by numericizing information acquired by monitoring market trends, using a discrete wavelet transform; and

expressing the data such as to show an amount of information at each rate of change of said numerical data.

3. A market trend analyzing method comprising steps of:

performing a multi-resolution analysis of numerical data, obtained by numericizing information acquired by monitoring market trends, using a discrete wavelet transform with a plurality of base functions to obtain multi-resolution analysis results based on each of said plurality of base functions;

determining a correlation factor between the respective multi-resolution analysis results and said numerical data; and

assessing, based on said correlation factor, rates of reproduction in said numerical

data according to the multi-resolution analysis results when using each of said plurality of base functions.

4. A market trend analyzing method in accordance with claim 3, wherein a convolution operation is performed using the multi-resolution analysis results with high rates of reproduction based on the results of assessment of said rates of reproduction.

5. A market trend analyzing device comprising:

data sorting means for forming a data set organized by monitored categories out of numerical data obtained by numericizing information acquired by monitoring market trends; and

converting means for performing a wavelet transform on said data set;

wherein the wavelet spectrum obtained by said converting means is used to express the data such as to show an amount of information at each rate of change of said numerical data.

6. A market trend analyzing device comprising:

data sorting means for forming a data set organized by monitored categories out of numerical data obtained by numericizing information acquired by monitoring market trends; and

analyzing means for performing multi-resolution analysis using a discrete wavelet transform on said data set;

wherein the results of the multi-resolution analysis by said analyzing means are used to express the data such as to show an amount of information at each rate of change of

said numerical data.

7. A market trend analyzing device in accordance with claim 6, further comprising computing means for summing the analysis results for a plurality of levels in the multi-resolution analysis results of said analyzing means.

8. A market trend analyzing device comprising:

data sorting means for forming a data set organized by monitored categories out of numerical data obtained by numericizing information acquired by monitoring market trends;

analyzing means for performing multi-resolution analysis on said data set using a discrete wavelet transform with a plurality of base functions to obtain multi-resolution analysis results for each of said plurality of base functions; and

correlating means for determining a correlation factor between the respective multi-resolution analysis results obtained by said analyzing means and said data set;

wherein, based on said correlation factor, rates of reproduction in said data set is assessed according to the multi-resolution analysis results when using each of said plurality of base functions.

9. A market trend analyzing device as recited in claim 8, further comprising computing means for performing a convolution operation using the multi-resolution analysis results with high rates of reproduction based on the results of assessment of said rates of reproduction.